

# theben

The world's smallest dimmer  
Now it's really smart  
**DIMAX 540 APP B**



**Retrofit without  
neutral conductor  
but with app!**

Building Automation since 1921

## Those who know it, love it and with the app even more DIMAX 540 plus B and DIMAX 540 APP B



### The problem solver for millions of older buildings: Mini dimmer without neutral conductor

Smart lighting control even where space is limited or there is no neutral conductor? The DIMAX 540 plus B and DIMAX 540 APP B mini dimmers offer the perfect solution – and fit behind any standard switch. Ideal for retrofitting during renovations!

#### Why a mini dimmer?

→ Extremely space-saving: Barely larger than a 2-euro coin

#### No neutral conductor? No problem!

→ Easy to retrofit: No neutral conductor required

#### Two-way switching over long distances?

→ Connection cables up to 100 meters are no obstacle.

#### What else can this little device do?

- Versatile for use with LEDs, incandescent, and halogen lamps
- Convenient dimming from 0% to 100% – individually adjustable
- Practical memory function saves the last light setting



### Two versions. One goal: convenience and intelligence in older buildings

#### DIMAX 540 APP B

- Flush-mounted dimmer for R and C loads
- Controllable and programmable via Bluetooth using an app or push button
- Can be networked and expanded via BLUETOOTH Mesh
- Light scenes and astro program
- Easier selection of the optimal dimming value thanks to extended Dimming speed of 5 seconds
- Optimized settings for LEDs, incandescent and halogen lamps
- Minimum brightness function (10% in delivery state, adjustable)
- Temperature cut-off
- Overcurrent shutdown
- Short-circuit protection

#### DIMAX 540 plus B

- Flush-mounted dimmer for R and C loads
- Easier selection of the optimal dimming value thanks to extended Dimming speed of 5 seconds
- Optimized settings for LEDs, incandescent and halogen lamps
- Minimum brightness function (10% in delivery state, adjustable)
- Temperature cut-off
- Overcurrent shutdown
- Short-circuit protection

### Function overview



	DIMAX 540 plus B	DIMAX 540 APP B
Item no.	5400130	5400230
Memory function	✓	✓
Minimum brightness	✓	✓
Brightness 100	Double click	Double click
Connection	3 conductors without neutral conductor	3 conductors without neutral conductor
Operation	Button	App/button
Networkable	-	✓
Light scenes	-	✓
Astro program	-	✓ (On/Off scene)
Night off	-	✓
Date	-	Day/month/year
Power consumption	-	Display in the app
Dimensions	25,5 x 26,6 x 10,4 mm	32,5 x 26,6 x 9,6 mm
Accessories: Compensation module LED	9070825	9070825

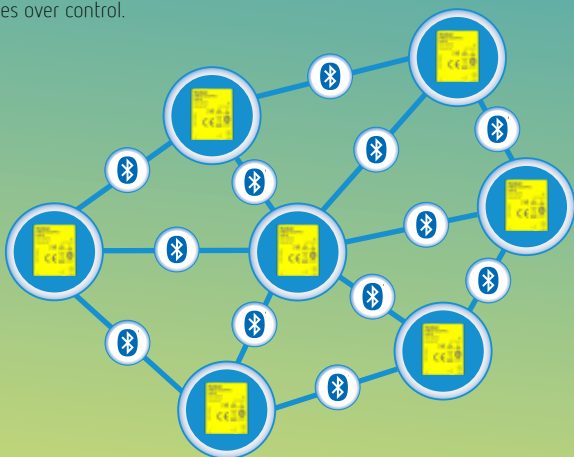


# DIMAX 540 APP B

## The little one is really smart and convenient

The DIMAX 540 APP B mini dimmer is an excellent solution for **reliable, space-saving, and smart lighting control**. Thanks to the app and Bluetooth Mesh communication, it offers even more programming convenience compared to the popular DIMAX 540 plus B. And it is only slightly larger than the small DIMAX 540 plus B!

Any number of DIMAX 540 APP B units can be integrated into the **Bluetooth Mesh network**. Communication via Bluetooth is efficient, secure, reliable, and scores with an extended range. If one dimmer fails, another dimmer takes over control.



### Groups and scenes

- A "bathroom" scene can dim all the lights in the room at the same time.
- Create mood scenes: dining, working, or relaxing with dimmed lighting

### Astro function

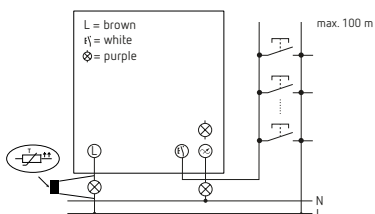
- Outdoor lighting: Lights switch on automatically at sunset and off at sunrise.
- Shop window lighting: Automatic switching on and off based on daylight.
- Interior lighting: Gentle dimming or switching on to suit the time of day.



## Compensation module LED



The LED compensation module prevents LED lamps from glowing or flickering.



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2725 Subject to technical changes and improvements.